



**Entergy Nuclear South**  
Entergy Operations, Inc  
17265 River Road  
Killona, LA 70066  
Tel 504 739 6440  
Fax 504 739 6698  
kpeters@entergy.com

**Ken Peters**  
Director, Nuclear Safety Assurance  
Waterford 3

**W3F1-2002-0092**  
**A4.05**  
**PR**

October 24, 2002

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

Subject: Waterford 3 SES  
Docket No. 50-382  
License No. NPF-38  
Emergency Plan Implementing Procedure

Gentlemen:

In accordance with Appendix E of 10CFR50 and 10CFR50.4(b)(5), Entergy is submitting a revision to a Waterford 3 Emergency Plan Implementing Procedure. The revised procedure was reviewed in accordance with 10CFR50.54(q) requirements and was determined not to decrease the effectiveness of the Emergency Plan.

The following procedure is included in this submittal:

1. EP-001-010 (Revision 23), Unusual Event. Incorporated formatting and minor wording changes to comply with site guidance.

A045

Emergency Plan Implementing Procedure  
W3F1-2002-0092  
Page 2  
October 24, 2002

This letter does not contain any commitments. Should you have any questions concerning this procedure, please contact J.J. Lewis, Emergency Planning Manager, at (504) 739-6624.

Very truly yours,



K.J. Peters  
Director, Nuclear Safety Assurance

KJP/GCS/ssf  
Attachment: EP-001-010, Revision 23

cc: (w/Attachment)  
Emergency Response Coordinator, NRC Region IV (2 copies)

(w/o Attachment)  
N. Kalyanam (NRC-NRR)  
P.J. Elkmann (NRC Region IV)  
J. Smith  
N.S. Reynolds  
NRC Resident Inspectors Office

**ATTACHMENT TO  
W3F1-2002-0092**

EP-001-010, Revision 23  
Unusual Event

## REQUEST/APPROVAL PAGE

**SAFETY RELATED**

Required Review Level (check one)



PORC



QUALIFIED REVIEWER

PROCEDURE NUMBER: EP-001-010 REVISION: 23 CHANGE: 0 DEVIATION: N/ATITLE: Unusual EventEFFECTIVE DATE/MILESTONE: N/A

(N/A If Same as Approval Date)

PROCEDURE OWNER: Emergency Planning Manager

(Position Title)

PREPARER (Print Name / Initial): A S. Lubinski / ASDATE: 7/8/02

## ACTION:

☐ New Procedure N/A☐ Deletion N/A☒ Revision☐ Change EC? ☐ N/A

(Applicable W2.109 Step Numbers)

☐ Deviation Expiration Date/Milestone: N/A☐ Temporary Procedure Applicable Conditions: N/A

## DESCRIPTION AND JUSTIFICATION OF CHANGE:

1) Incorporated formatting and minor wording changes to comply with the guidance in W2.110. 2) Changed Shift Supervisor to Shift Manager throughout the procedure. 3) Added NOTE prior to Step 5.2.1.1 as a reminder to modify the Unusual Event announcement if activating other emergency facilities. 4) Updated the title of PS-018-101 on Attachment 7.1. 5) Added Step 9 to Attachment 7.2 to include discussing with the NRC and State officials the decision to declassify the Unusual Event. 6) Added Step 5.5.2 to ensure logs are kept during the emergency. 7) Moved Step for collecting documentation from Final Conditions Section to the Event Termination Section.

☐ Request/Approval Page Continuation Sheet(s) attached.

EC SUPERVISOR

APPROVAL:

N/A

DATE:

50 59 REVIEWER

Required? ☒

REVIEW:

Stephen D. TurkeyDATE: 7-31-02☐ PROGRAMMATICALLY EXCLUDED

PORC Mtg. No.:

N/A

DATE:

50 54 REVIEWER

Required? ☒

REVIEW:

RD PerryDATE: 8/1/02

TECHNICAL REVIEWER

REVIEW:

Stephen D. TurkeyDATE: 7-31-02Change Notice (CN)? ☐ N/A

CHANGE NOTICE (CN) SUPERVISOR

APPROVAL:

N/A

DATE:

CHANGE NOTICE (CN) ON-SHIFT SM/CRS

APPROVAL:

N/A

DATE:

2 Week Final Approval

DATE:

QUALIFIED REVIEWER

Required? ☒

REVIEW:

RD PerryDATE: 8/1/02

GROUP/DEPT. HEAD

REVIEW ☐ or APPROVAL ☒DATE: 7/29/02

GM, PLANT OPERATIONS

REVIEW ☐ or APPROVAL ☐N/A

DATE:

VICE PRESIDENT, OPERATIONS

APPROVAL:

N/A

DATE:

W2.109, Rev. 4

**CONTROLLED**COPY No. FEY

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## LIST OF EFFECTIVE PAGES

1-6	Revision 23
8	Revision 13
7	Revision 8

# Reference Use

## 1.0 PURPOSE

- 1.1 To outline the actions to be taken for an emergency condition at the Unusual Event level.

### NOTE

The normal on-shift complement of personnel is considered sufficient to respond to an Unusual Event. Activation of other Entergy Operations, Inc./Entergy Louisiana emergency organizations is optional

## 2.0 REFERENCES

- 2.1 Waterford 3 SES Emergency Plan
- 2.2 EP-001-001, Recognition and Classification of Emergency Conditions
- 2.3 Emergency Management Resources Book
- 2.4 EP-001-020, Alert
- 2.5 EP-001-030, Site Area Emergency
- 2.6 EP-001-040, General Emergency
- 2.7 EP-002-010, Notifications and Communications
- 2.8 EP-002-015, Emergency Responder Activation
- 2.9 EP-002-031, In-Plant Radiological Controls and Surveys During Emergencies
- 2.10 EP-002-100, Technical Support Center (TSC) Activation, Operation and Deactivation
- 2.11 EP-002-101, Operational Support Center (OSC) Activation, Operation and Deactivation
- 2.12 EP-002-150, Emergency Plan Implementing Records
- 2.13 EP-002-170, Recovery
- 2.14 EP-002-190, Personnel Accountability
- 2.15 FP-001-020, Fire Emergency/Fire Report
- 2.16 NRC I&E Notice 89-89
- 2.17 UNT-007-018, First Aid and Medical Care

### **3.0 RESPONSIBILITIES**

- 3 1 The Emergency Coordinator is responsible for the implementation of this procedure.
- 3 2 The Emergency Coordinator is responsible for ensuring that the actions as outlined in this procedure are carried out.
- 3 3 The Shift Manager is the Emergency Coordinator until properly relieved by the Duty Plant Manager.

### **4.0 INITIATING CONDITIONS**

- 4.1 This procedure is to be initiated for the following conditions:
  - 4 1.1 An Unusual Event is classified in accordance with EP-001-001.
  - 4.1.2 At the direction of the Emergency Coordinator.

## 5.0 PROCEDURE

### 5.1 Emergency Organization Activation

#### NOTE

If access to the Control Room Envelope is limited and directions must be provided for TSC personnel to respond to the EOF, then notify the Duty Emergency Planner immediately for assistance in activating the automated callout Voice Notification System (VNS).

- 5.1.1 If necessary, then direct the Emergency Communicator to activate the Emergency Response Organization in accordance with EP-002-015.

5.1.1.1 An appropriate time to activate the VNS would be while the Emergency Coordinator is reviewing the initial offsite notification message form.

- 5.1.2 The duty ENS Communicator, duty Emergency Planner, or duty TSC Communicator may be called out to assist with communications.

### 5.2 Announcement(s) to Station Personnel

- 5.2.1 Sound the STATION ALARM (for at least 5 seconds) and make the following announcement(s):

#### NOTE

The normal on-shift complement of personnel is considered sufficient to respond to an Unusual Event. If a decision is made to activate other emergency response facilities, then the announcement in Step 5.2.1.1 should be modified to indicate the facilities to be activated.

- 5.2.1.1 "ATTENTION ALL PERSONNEL; ATTENTION ALL PERSONNEL:

AN UNUSUAL EVENT WAS DECLARED AT (announce time of declaration using 24-hour clock) DUE TO (announce reason for declaration of Unusual Event). ALL MEMBERS OF THE ON-SHIFT EMERGENCY ORGANIZATION REPORT TO YOUR STATIONS. ALL OTHER PERSONNEL SHOULD CONTINUE WITH THEIR NORMAL DUTIES UNLESS FURTHER INSTRUCTION IS GIVEN. THE MAINTENANCE RADIO FREQUENCY IS NOW DEDICATED FOR EMERGENCY USE ONLY."

- 5.2.1.2 If there is a localized emergency (e.g., fire), announce its type and location and instruct personnel to stand clear of this area (refer to FP-001-020).

- 5.2.1.3 Sound the STATION ALARM (for at least 5 seconds) and repeat the announcement(s) at least two more times, allowing sufficient time for personnel who may be in high noise areas to reach a location where the announcement can be heard



**NOTE**

If an Unusual Event has been declared, and in the opinion of the SM/EC contacting the Duty Plant Manager may prevent completing the offsite notifications within the 15 minutes required by regulation, then direct the Emergency Communicator to begin offsite notifications in accordance with Step 5 4.

**5.3 Duty Plant Manager Notification**

**5 3.1 Contact the Duty Plant Manager.**

5.3.1.1 If the Duty Plant Manager can not be reached, then contact any of the alternate Duty Plant Managers.

5 3.1.2 Discuss the following:

- A. Nature of the situation
- B. Classification
- C. Action taken or to be taken
- D. Need to call in additional support personnel
- E. Advise the Duty Plant Manager to contact the following personnel
  - Duty EOF Director
  - Duty Technical Spokesperson

**5.4 Offsite Notifications**

5 4.1 Direct the Emergency Communicator to commence initial offsite notifications of the appropriate organizations in accordance with EP-002-010.

5 4.2 Direct the Emergency Communicator to update offsite agencies as required by EP-002-010.

**5.5 Accountability/Other Response Actions**

5.5.1 Perform facility accountability activities in accordance with EP-002-190

5 5.2 Ensure emergency logs and records are kept in accordance with EP-002-150.

5 5.3 Initiate any additional response measures in accordance with applicable emergency procedures listed in Attachment 7.1.

**5.6 Event Reclassification**

5.6.1 Periodically check EP-001-001 to determine whether reclassification is necessary.

5 6.2 If reclassification is necessary, then reclassify the emergency in accordance with EP-001-001 and implement the appropriate Emergency Plan Implementing Instruction: EP-001-020, EP-001-030 or EP-001-040.

## 5.7 Event Termination

- 5.7.1 Obtain a copy of, and complete, Attachment 7.2 to evaluate the decision to terminate the existing emergency classification.
- 5.7.2 Close out the emergency with a verbal summary to all agencies or personnel that were contacted during the emergency (as indicated on Attachment 7.4 of EP-002-010).
- 5.7.3 Implement appropriate recovery activities in accordance with EP-002-170.
- 5.7.4 Make the following announcement:
  - 5.7.4.1 "ATTENTION ALL PERSONNEL; ATTENTION ALL PERSONNEL: SECURE FROM UNUSUAL EVENT. THE MAINTENANCE RADIO FREQUENCY IS NOW RETURNED TO NORMAL USE."
  - 5.7.4.2 Repeat the above announcement at least once.
- 5.7.5 Collect all documentation generated as a result of this event and forward it to Emergency Planning.

## 6.0 FINAL CONDITIONS

- 6.1 The Unusual Event has been closed out with normal station administration resumed and appropriate recovery activities underway or the emergency is reclassified.

## 7.0 ATTACHMENTS

- 7.1 Procedure Reference for Additional Response Guidelines
- 7.2 Emergency Coordinator's Close-Out Checklist

## RECORDS

- 8.1 The following record is generated as a result of this procedure:
  - Attachment 7.2, Emergency Coordinator's Close-Out Checklist

## PROCEDURE REFERENCE FOR ADDITIONAL RESPONSE GUIDELINES

<u>Topic</u>	<u>Reference</u>
Personnel	EP-002-030, Emergency Radiation Exposure Guidelines and Controls EP-002-032, Monitoring and Decontamination EP-002-081, Search and Rescue FP-001-020, Fire Emergency/Fire Report UNT-007-018, First Aid and Medical Care
Radiation Releases	EP-002-060, Radiological Field Monitoring
Administration	EP-002-130, Emergency Team Assignments EP-002-140, Reentry EP-002-170, Recovery Emergency Management Resources Book
Security	PS-016-102, Security Response During Emergencies (Safeguards) PS-018-101, Standard Responses to Safeguards Threat Events (Safeguards)

EMERGENCY COORDINATOR'S CLOSE-OUT CHECKLIST  
UNUSUAL EVENT

INSTRUCTION

1. This checklist should be used by the Emergency Coordinator to evaluate a decision to terminate an existing emergency condition. All criteria should be met.
2. This checklist, completed and signed by the Emergency Coordinator, is a prerequisite for initiation of the Recovery Organization in accordance with EP-002-170.

CRITERIA

CRITERIA MET  
(Initials)

- |    |   |       |
|----|---|-------|
| 1  | The plant is in a stable configuration with adequate core cooling.  | _____ |
| 2. | In-plant radiation levels are stable or decreasing with time  | _____ |
| 3. | The release of radioactive material to the environment is controlled and there is no significant potential for additional uncontrolled releases.  | _____ |
| 4. | All safety systems necessary to maintain the plant in a stable configuration are operable.  | _____ |
| 5. | Fires are extinguished; flooding conditions and any other site damage are under control   | _____ |
| 6. | All vital areas requiring occupancy are habitable.  | _____ |
| 7. | Site security control is established.   | _____ |
| 8  | All implementing procedures have been closed out or are determined to remain active with responsibility for their completion and closure assigned to an individual.   | _____ |
| 9. | The decision to terminate the emergency classification, including the justification for termination, has been discussed with the NRC and State officials (If their emergency response organizations have been activated as a result of this event). | _____ |

\_\_\_\_\_  
Emergency Coordinator

\_\_\_\_\_  
Date

\_\_\_\_\_  
Time